BRUHATH BANGALORE MAHANAGARA PALIKE

DASARAHALLI DIVISION

Name of work : Development of parks in Paschim County and L M enclave in Dasarahalli Zone

DRAFT TENDER SCHEDULE-B

Estimated Cost -60.00Lakh(s)

JOB CODE :012-20-000107

Sl. No.	Description of Item	Unit	Quantity	Rates (in Rs.)	
				In Figures	In Words
1	KSRRB 200-8.Clearing and grubbing thorney jungle including uprooting rank vegetation, grass, brush, shrubs, saplings and trees of girth upto 300mm, by manual means, in area of light jungle, removal of stumps, disposal of unserviceable materials, stacking of serviceable materials labour charges complete as per specifications.	Sqm	61.00	15.90	Rupees Fifteen And Paise Ninety Only
2	Removing and resetting of kerb stones	M	339.20	104.94	Rupees One Hundred Four And Paise Ninety Four Only
3	Removing and resetting of footpath slab	Sqm	329.19	208.82	Rupees Two Hundred Eight And Paise Eighty Two Only
4	Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications.	Cum	139.19	207.60	Rupees Two Hundred Seven And Paise Sixty Only
5	Earthwork For Hard Soil in surface excavation for levelling and lowering the ground manually (Other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift up to 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled including breaking of clods and neatly dressed as per specifications, specification. No. KBS 2 .1 (a)/2.3.1	Cum	26.57	439.74	Rupees Four Hundred Thirty Nine And Paise Seventy Four Only
	Earthwork for Oridinary soil in surface excavation for levelling and lowering the ground manually (Other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift up to 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled including breaking of clods and neatly dressed as per specifications, specification. No. KBS 2 .1 (a)/2.3.1	Cum	117.60	333.74	Rupees Three Hundred Thirty Three And Paise Seventy Four Only
	Sand filling in wells complete as per drawing and technical specifications including cost of all materials, labour, HOM, form works, scaffolding & centering complete as per specifications. MORTH Specification No. 1207	Cum	63.00	2806.88	Rupees Two Thousand Eight Hundred Six And Paise Eighty Eight Only

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	Description of Item	Unit	Quantity	Rates (in Rs.)	
				In Figures	In Words
	Providing, laying, spreading and compacting crushed stone aggregates of granite /trap/basalt to wet mix macadam specification including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406	Cum	93.76	3001.38	Rupees Two Thousand One And Paise Twenty Eight Only
9	Providing and laying in position plain cement concrete of Mix 1:3:6 with OPC @ 220kgs, with 20mm and down size graded granite metal coarse aggregates @0.69 cum and fine aggregtes @ 0.56cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1,4.2	Cum	20.06	5627.54	Rupees Five Thousand Six Hundred Twenty Seven And Paise Fifty Four Only
10	Providing and laying in position reinforced cement concrete of Design Mix M20 with OPC @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.460 cum, with super plasticisers @ 3 liters confirming to IS 9103-1999 reafirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM curing, complete but excluding cost of reinforcement as per specifications.	Cum	34.52	5998.54	Rupees Five Thousand Nine Hundred Ninety Eight And Paise Fifty Four Only
11	Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing	Tonne	0.70	75223.96	Rupees Seventy Five Thousand Two Hundred Twenty Three And Paise
12	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth cills and string courses cost of all materials, labour complete as per specifications.	Sqm	33.22	379.48	Rupees Three Hundred Seventy Nine And Paise Forty Eight Only
13	Providing and constructing granite / trap / basalt size stone masonry do - cement mortar 1:6 in foundation with cement mortar, stone hammered dressed in courses not less than 20 cms high, bond stones at 2m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13	Cum	11.88	4871.76	Rupees Four Thousand Eight Hundred Seventy One And Paise Seventy Six Only

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	Description of Item	Unit	Quantity	Rates (in Rs.)	
				In Figures	In Words
	Providing and fixing pre cast solid cement concrete kerb stones made out of C.C. 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing curing, including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc., complete.	No,s	142.00	432.48	Rupees Four Hundred Thirty Two And Paise Forty Eight Only
15	Providing and laying heavy duty cobble stones 60mm thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force there by forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and HOM complete as per specifications. Specification No. KBS	Sqm	414.00	1116.18	Rupees One Thousand One Hundred Sixteen And Paise Eighteen Only
16	Providing chain link fencing 50mm size of 8 guage properly stretched between existing rectangular poles and fixed with suitable bolts & nuts, the free endsshall be welded to the pole and block pipe at top and bottom asrequired including cost of all materials, labour, lead and lifts and as per thedirections of the Engineer-in-charge of work including two coats of approvedquality paint over	Sqm	161.00	757.90	Rupees Seven Hundred Fifty Seven And Paise Ninety Only
17	Providing and fixing M.S. Block pipe of 38mm dia, of heavy guage of 14 mincluding removing the bends, cutting the pipe, and fixing pipe in between theexisting two verticle poles (M.S. rectangular poles) and spot welding the chainlink with M.S. block pipe including cost of all materials wastage in cutting,and scaffolding wherever necessary with all lead and lift as directed by theEngineer-in-charge of work etc. complete including two coats of	M	115.60	432.48	Rupees Four Hundred Thirty Two And Paise Forty Eight Only
18	Supplying and fixing M.S. Rectangular poles made out of 2 equal angles m of 65x65x6 mm welded together and fixed in CC (1:2:4) WITH 2 NOS 16mm dia M.S. hold fast rods each of length 25 cms. Including cost of all materials cutting, bending scaffolding wherever necessary, nicely finishing the welded joints with all lead lifts and as per the directions of the Engineer-in - charge of the work and including providing 2 coats o f approved quality paint over one coat of shop painting (excluding cost o f	M	64.80	910.54	Rupees Nine Hundred Ten And Paise Fifty Four Only

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	Description of Item	Unit	Quantity	Rates (in Rs.)	
				In Figures	In Words
19	Fabrication supplying and erecting M.S tubular trusses of all spans as per approved drawing & design with prefabricated steel applications using quality material and are durable, reliable and corrosion and abrasion resistant. Welding shall confirm to latest structural welding code. Quality shall be on various parameters like shape, size, design gauge and polish. The entire trusses is anchored in RCC column by using 4 nos of M.S. anchor bolts at each support with 10mm thick base plate and shoe plate. The work includes cutting, straightening, placing in position of M.S. pipes and welding wherever necessary and applying one coat of redoxide primer coat to all the members including cost of all materials, labour charges, and hire	Kg	2332.00	117.66	Rupees One Hundred Seventeen And Paise Sixty Six Only
20	Supplying and fixing new Mangalore tiles on existing rafters including cost of materials, labour, HOM complete as per specifications.	Sqm	56.64	431.42	Rupees Four Hundred Thirty One And Paise Forty Two Only
21	Providing Mangalore Ridge tiles se t in C.M. 1:2 and pointed with m C.M. 1:2. including cost of materials, labour, HOM complete as per specifications	Sqm	48.00	216.24	Rupees Two Hundred Sixteen And Paise Twenty Four Only
22	Providing and laying/fixing cement base, precast, pre polished cement concrete, designer tiles 25mm thick for flooring conforming to IS 1237 he.avy duty tiles for flooring, treads of steps and landing, laid on a bed of 12mm thick cement mortar 1:3 mis finished with flush pointing using white cement, including cost of materials, mortar, including cutting, griding the edge to half/full round wherever required, labour, curing complete as per specification.	Sqm	54.00	1305.92	Rupees One Thousand Three Hundred Five And Paise Ninety Two Only
23	Providing and fixing M.S. Gate as per Chief Architect Drawing, using 50mm x 50mm 14 guage M.S. hollow pipe frame work bent to ornamental shape as shown in the drawing and 35mm x 6mm and 16 x 16mm Square rods for verticals alternatively spaced at 4cms c/c in two halves and 40mmx6mm M.S. flats for horizontal member and at the top cast iron spikes are provided at alternate vertical members as shown in the drawing etc., complete. All the steel surface should be thoroughly cleaned free of rust and painted with anti corrosive paint (shop paint) etc., complete. The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, with lead and lift, loading and unloading charges, etc.,	Sqm	6.82	3192.72	Rupees Three Thousand One Hundred Ninety Two And Paise Seventy Two Only

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	Description of Item	Unit	Quantity	Rates (in Rs.)	
				In Figures	In Words
4	Providing and fixing M.S. Grill over existing compound wall as per using 16mm x 16mm M.S. Square rod at 150mm c/c spacing and 6mm x 40mm M.S. flats at horizontal and 6mm x12mm M.S. flat for ornamental design and providing shop edge design at -the vertex of every vertical rods, including welding, grinding wherever necessary. All the steel surface should be thoroughly cleaned free of rust and painted with anti corrosive paint (shop paint) etc., complete. The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, etc., complete as per specification	Sqm	168.00	5691.14	Rupees Five Thousand Six Hundred Ninety One And Paise Fourteen Only
25	Applying red lead ready mix priming coat over new steel or other metal surface including preparing the surface after throughly cleaning oil, grease, dirt and other foreign	#REF! Sqm	168.00	43.46	Rupees Forty Three And Paise Forty Six Only
26	Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surfacebrushing to give an even shade after cleaning oil, grease, dirt and otherforeign matter, including cost of materials, labour, complete as per specifications.	Sqm	987.15	100.70	Rupees One Hundred And Paise Seventy Only
27	Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications.	sqm	233.55	84.80	Rupees Eighty Four And Paise Eighty Only
28	Providing and fixing RCC name board of size 1.35xk0.60x0.04 mtrs fixed in reinforced cement concrete poles of size 0.10x0.10x2.60mtrs in cement concrete M 20 proportion using 20mm and down size graded metal machine mixed with 10mm dia main steel bars and 8mm dia stirups. The board shall be provided with 12mm thick cement plaster in cement mortar 1:3 on both the sides. The poles shall be embedded in the ground for a depth of 0.5 mtrs with cement concrete M 10 proportion. The board shall be fixed as per the drawing and at the place indicated by the Engineer incharge of the work. The cost includes excavation, bare cost of all materials, cost of steel, centering, transportation charges, fixing charges, labour, HOM etc., The work shall be carried out as per the detailed specifications, drawings and directions of the Engineer in charge of the work.	Each	1.00	5830.00	Rupees Five Thousand Eight Hundred Thirty Only
29	Fiber Dustbin SS Dustbin with Ms Pole 3ft	No,s	7.00	17500.00	Rupees Seventeen Thousand Five Hundred Only
30	Executive Bench : Made out of Sadarohally Grey Stone with hand supporters with 3 line finishing with arch Design with 100 mm Slab Height 90 x length 150 Width 45 Cms	No,s	18.00	18200.00	Rupees Eighteen Thousand Two Hundred Only

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	Description of Item	Unit	Quantity	Rates (in Rs.)	
				In Figures	In Words
	Supply and fixing of children play equiment maxima N Swing : Inverted U shaped structural posts of height 2.31m are to be schedule hot dip galvanized with a 114mm OD and 2.2mm (Wall) thickness of the Tubing toprail at Heigiht 2.31m and dia 114 mm shall be an all robtic welded uint fabricated 114 OD plastic Components such as swing seats super thickplastic shall be anminated and	Each	1.00	188495.00	Rupees One Lakh(s) Eighty Eight Thousand Four Hundred Ninety Five Only
32	Supply and fixing of chilidren play equipment four seater seesaw The Seasaw Consists of two poles of dia 114mm and thickness of 2.5 mm which balances the horizontal rod at the center which is the size of 3110mm length and dia 114 mm with consists of a 4 seats which is made of LLDPE virigin plastic of size 305mm x 213mm x 125mm the rates are to be inclusive of supply and installation at site inclusive of all taxes and transportation charges	Each	1.00	107240.00	Rupees One Lakh(s) Seven Thousand Two Hundred Forty Only
33	Supply and fixing of children multi play equipment with two slides monkey bar baffles with animated roof upright structural posts of height 2.2m and 3m are to schedule hot dip galvanized steel with 114mm OD and 2.2mm (wall) thickness of the tubing deck of size 1.45mx1.45m and stair case of size 1.05mx0.77m are fabricated from 2mm perforated solid punched steel deck perimeter is a precision pre punched for attachment handrail of height 1.90m and dia 32mm shall be an all robotic welded unit fabricated from 32 OD galvanized steel pipes with a baked on a powder coating finish spring climber of thickness dia 38mm piped walls of height 2.2m are all robotic welded fabricated from 32 OD galvanized steel pipes for the outer pipes and 25mm OD galvanized steel for the inner parallel bars with a baked on powder coat finish the rates are to be inclusive of supply and installation at site inclusive of all taxes and transportation charges	Each	1.00	1102658.00	Rupees Eleven Lakh(s) Two Thousand Six Hundred Fifty Eight Only

Executive Engineer
Dasarhalli Division
BBMP

No / correction nil

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